



Maricopa County Planning & Development

FLOOD CONTROL REQUIREMENTS FOR CONCEPT PLAN – DRAINAGE INFORMATION



The concept plan must have a preliminary drainage report/plan that will show that the site has enough space allocated for drainage features (retention basins, channels, swales, and pipes). The conceptual drainage report needs to be signed and sealed by an Arizona Registered Professional Civil Engineer and should address the following:

1. **Offsite Hydrology** – Need to determine the quantity, the entrance and exit points, and how the flow is to be routed through the site.
2. **Onsite Hydrology** – Need to show how the flows are to be routed to retention basins.
3. **Onsite Retention** – Need to retain water for the 100-year, 2-hour storm for the developed site. Determine volume needed and the size and location of basins.
4. **Contours** – Need to show natural and proposed contours or spot elevations on the plans.
5. **Floodplains** – Need to show the delineated floodplain boundaries if the site is within a Federal Emergency Management Agency's (FEMA) special flood hazard area. Will also need to apply for Floodplain Use Permit.
6. **Erosion Setbacks** – For washes and other watercourse channels an erosion setback will need to be determined, which meets Arizona State Standard 5-96.

Since complex drainage systems may require more detailed information, a meeting should be arranged with a reviewer from the Flood Control District's Development Review Branch.

FEE INFORMATION: \$500 + \$100/Acre \$5,000 Maximum

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